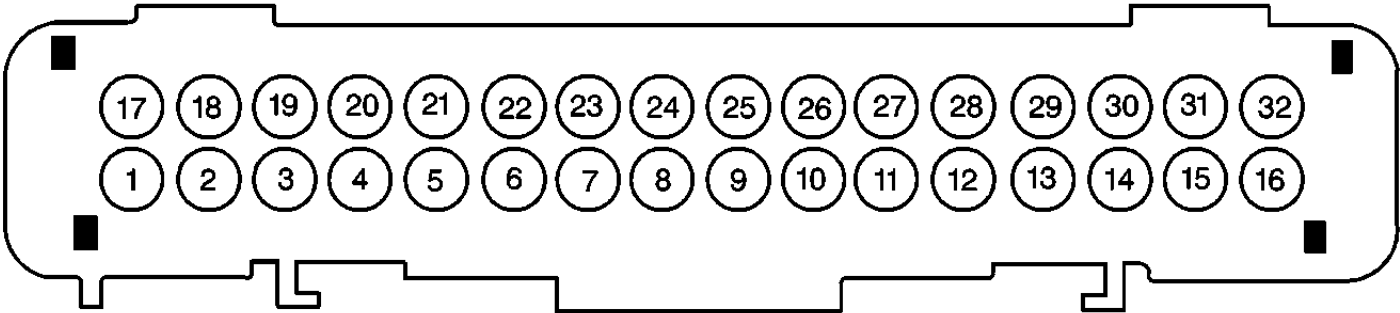


Engine Controls Connector End Views (32 Pin Gray Connector)



Connector Part Information			12129025 - Gray C3 32 Pin Connector			
Pin	Wire Color	Circuit No.	Function	Component Connector Cavity	DTC(s) Affected	Possible Symptoms From a Faulty Circuit
1	—	—	Not Used	—	—	—
2	—	—	Not Used	—	—	—
3	—	—	Not Used	—	—	—
4	BLK	452	ECT/TP Sensor Ground	—	—	High Idle
5	—	—	Not Used	—	—	—
6	RED/BLK	1228	PCS High	—	—	Poor Shift Quality
7	DK BLU/WHT	1231	Input Speed Sensor Low (8)	—	—	—
8	RED/BLK	1230	Input Speed Sensor High	—	—	—

9	WHT	423	IC Control	—	—	No Start
10	—	—	Not Used	—	—	—
11	RED	1226	Range Signal C (5)	—	—	Erratic Manual Downshifts
12	GRY	416	TP Sensor 5V Reference	—	—	Lack Of Power, Harsh Shifts
13	BRN/WHT	379	Clutch Signal (6)	—	—	AIR Pump Inop.
14	—	—	Not Used	—	—	—
15	BRN	1982	EVAP Canister Purge Diagnostic Vacuum Switch Signal	—	—	Purge Inop.
16	LT BLU/WHT	1229	PCS Low (5)	—	—	Poor Shift Quality
17	BLK/WHT	451	System Ground	—	—	—
18	BLK/WHT	BLK/WHT	Ground	—	—	—
19	BLK	470	IAT/MAP/EGR Sensor Ground	—	—	Idle Surge, Exhaust Odor
20	—	—	Not Used	—	—	—
21	ORN	440	Battery Feed	—	—	—
22	DK/BLU	1225	Range Signal B	—	—	Erratic Manual Downshifts
23	PNK	1224	Range Signal A	—	—	Erratic Manual Downshifts
24	—	—	Not Used	—	—	—
25	DK GRN/WHT	762	A/C Request Signal	—	—	—
26	—	—	Not Used	—	—	—

27	GRY	474	EGR/MAP 5V Reference	—	—	—
28	—	—	—	—	—	—
29	—	—	—	—	—	—
30	—	—	—	—	—	—
31	—	—	—	—	—	—
32	—	—	—	—	—	—

(1) 4.3L Only

(2) Except 4.3L

(3) 7.4L California Emissions Only

(4) 4.3L and 5.0L Only

(5) Automatic Transmissions Only

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